



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: David A. Sirbasku § GROUP ART UNIT: 1642  
§  
SERIAL NO.: 09/852,547 §  
§ EXAMINER: Karen A. Canella  
FILED: May 10, 2001 §  
§  
FOR: Compositions and Methods for §  
Demonstrating Secretory Immune §  
System Regulation of Steroid §  
Hormone Responsive Cancer Cell §  
Growth §

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Atty. Dkt. No.: 1944-00800  
Date: September 23, 2004

**MAIL STOP AMENDMENT**  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

In accordance with 37 CFR §1.97, §1.98, applicant is providing herewith copies of the supplementary items listed on the attached U.S. Patent and Trademark Office Form PTO 1449. If this application was filed prior to June 30, 2003, a copy of each publication listed on Form PTO-1449 is enclosed herewith. This information is supplemental to previous Information Disclosure Statements and Forms PTO 1449 filed in the above-referenced case.

Pursuant to 37 C.F.R. § 1.98 (d), copies of certain patents, publications, pending U.S. application(s) or other information, as specified in 37 C.F.R. § 1.98 (a), listed in the attached Form PTO-1449 are not provided herewith, as they have been previously submitted to, or cited by, the Office in the above-mentioned earlier U.S. Patent Application(s). The Information Disclosure Statement filed in the earlier application(s) complies with 37 C.F.R. § 1.98 (a)-(c).

The submission of this Supplemental Information Disclosure Statement and Form PTO-1449 is not an admission that the art cited is "prior" with respect to the present invention, nor is it a representation that no better art exists. Applicants hereby reserve the right to swear behind or

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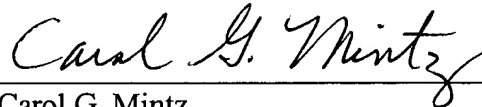
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otherwise disprove any alleged "prior" nature of any art cited should the facts support and the situation warrant such an action.

It is submitted that the art cited does not constitute a bar to the patentability of Applicants' invention under 35 U.S.C. § 102 or § 103.

Because an Office Action has been entered in this case, this Information Disclosure Statement is being filed under C.F.R. 1.97(c). Applicant hereby authorizes the Commissioner to charge Deposit Account 03-2769 of Conley Rose, P.C. the amount of \$180 so that this Information Disclosure Statement may be considered.

Respectfully submitted,

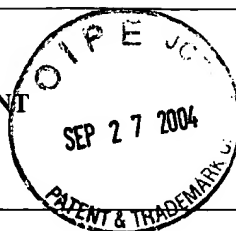
A handwritten signature in cursive script, reading "Carol G. Mintz", is written over a horizontal line.

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AGENT FOR APPLICANT

**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use several sheets if necessary)



Atty. Docket No.

1944-00800

Serial No.

09/852,547

Applicant

David A. Sirbasku

Filing Date

05/10/2001

Group

1642

**REFERENCE DESIGNATION U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	A1	6,200,547	03/13/2001	Volkonsky et al.			

**FOREIGN PATENT DOCUMENTS**

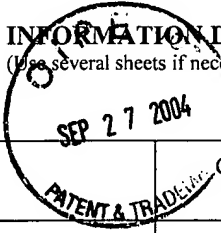
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	Translation	
							YES	NO
	B1	WO 92/135	20/08/1992	RU				

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

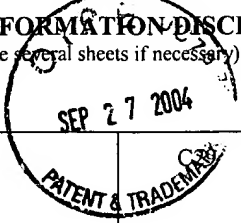
	C1	International Search Report, PCT/US02/36632 dated 28 Jul 2003 (1 p.)						
	C2	Iype LE, Michael M, Verma M & Iype PT (1998) <i>Development and characterization of new immortalized human breast cancer cell lines</i> . Cytotechnology 26:207-218.						
	C3	Ogmundsdottir HM, Petursdottir I, Gudmundsdottir I, Amundadottir L, Ronnov-Jessen L & Petersen OW (Dec. 1993) <i>Effects of lymphocytes and fibroblasts on the growth of human mammary carcinoma cells studied in short-term primary cultures</i> . In Vitro Cell Dev Biol Anim. 29A(12):936-42. (abstract)						
	C4	Ethier SP, Summerfelt RM, Cundiff KC & Asch BB (Jan-Feb 1991) <i>The influence of growth factors on the proliferative potential of normal and primary breast cancer-derived human breast epithelial cells</i> . Breast Cancer Res Treat. 17(3):221-30. (abstract)						
	C5	Emerman JT & Wilkinson DA (Dec. 1990) <i>Routine culturing of normal, dysplastic and malignant human mammary epithelial cells from small tissue samples</i> . In Vitro Cell Dev Biol. 26(12):1186-94. (abstract)						
	C6	Medina D & Oborn CJ (Nov. 1980) <i>Growth of preneoplastic mammary epithelial cells in serum-free medium</i> . Cancer Res 40(II)3982-3987. (abstract)						
	C7	Peterson OW, van Deurs B, Nielsen KV, Madsen MW, Laursen I, Balslev I & Briand P (Feb. 1990) <i>Differential tumorigenicity of two autologous human breast carcinoma cell lines, HMT-3909S1 and HMT-3909S8, established in serum-free medium</i> . Cancer Res 50(4)1257-1270. (abstract)						
	C8	Biran S, Vlodavsky I, Fuks Z, Lijovetzky G, Horowitz AT (Sep. 1986) <i>Growth of human carcinoma cells from biopsy specimens in serum-free medium on extracellular matrix</i> . Int J Cancer 38(3):345-354. (abstract)						
	C9	Yasunaga Y, Nakamura K, Ewing CM, Isaacs WB, Hukku B & Rhim JS (Aug. 15, 2001) <i>A Novel Cell Culture Model for the Study of Familial Prostate Cancer</i> . Cancer Res 61, 5969-5973.						
	C10	Xu Y, Iyengar S, Roberts RL, Shappell SB & Peehl DM (2003) <i>Primary Culture Model of Peroxisome Proliferator-Activated Receptor <math>\gamma</math> Activity in Prostate Cancer Cells</i> . J Cell Physiol 196:131-143.						
	C11	Krill D, Shuman M, Thompson MT, Becich MJ & Strom SC (1997) <i>A Simple Method for the Isolation and Culture of Epithelial and Stromal Cells From Benign and Neoplastic Prostates</i> . Urology 49:981-988.						
	C12	Chopra DP, Sakar FH, Grignon DJ, Sakr WA, Mohamed A, Waghay A (Sep. 1997) <i>Growth of human nondiploid primary prostate tumor epithelial cells in vitro</i> . Cancer Res 57(17)3688-3692. (abstract)						
	C13	Chopra DP, Grignon DJ, Joiakim A, Mathieu PA, Mohamed A, Sakr WA, Powell IJ & Sakar FH (Nov. 1996) <i>Differential growth factor responses of epithelial cell cultures derived from normal human prostate, benign prostatic hyperplasia and primary prostate carcinoma</i> . J Cell Physiol 169(2)269-80. (abstract)						

**EXAMINER****DATE CONSIDERED**

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449 (Modified)		Atty. Docket No. 1944-00800	Serial No. 09/852,547
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)		Applicant David A. Sirbasku	
		Filing Date 05/10/2001	Group 1642
	C14	Peehl DM & Stamey TA (Feb. 1986) <i>Serum-free growth of adult human prostatic epithelial cells</i> . In Vitro Cell Dev Biol 22(2)82-90. (abstract)	
	C15	Wang J, Torbenson M, Wang Q, Ro JY & Becich M (2003) <i>Expression of inducible nitric oxide synthase in paired neoplastic and non-neoplastic primary prostate cell cultures and prostatectomy specimen</i> . Urologic Oncology: Seminars and Original Investigations. 21:117-122.	
	C16	Thodou E, Ramyar L, Cohen AI, Singer W & Asa SL (Winter 1995) <i>A Serum-Free System for Primary Cultures of Human Pituitary Adenomas</i> . Endocr Pathol 6(4)289-299. (abstract)	
	C17	Reynolds RK, Owens CA & Roberts JA (1996) <i>Cultured endometrial cancer cells exhibit autocrine growth factor stimulation that is not observed in culture normal endometrial cells</i> . Gynecologic Oncology 60, 380-386, Article No. 0058.	
	C18	Miyazaki K, Masui H & Sato GH (1984) <i>Growth and Differentiation of Human Bronchogenic Epidermoid Carcinoma Cells in Serum-Free Media</i> . Methods for Serum Free Culture of Epithelial and Fibroblastic Cells, Vol 3, pp 83-94, Alan R Liss, New York.	
	C19	Carney DN, Brower M, Bertness V & Oie HK (1984) <i>Selective Growth of Human Small Cell Lung Cancer Cell Lines and Clinical Specimens in Serum-Free Medium</i> . Methods for Serum Free Culture of Epithelial and Fibroblastic Cells, Vol 3, pp 57-71, Alan R Liss, New York.	
	C20	Masuda N, Fukuoka M, Takada M, Kudoh S & Kusunoki Y (Aug. 1991) <i>Establishment and characterization of 20 human non-small cell lung cancer cell lines in serum-free defined medium (ACL-4)</i> . Chest 100:429-438. (abstract)	
	C21	van der Bosch J (1984) <i>Primary Tissue Cultures of Human Colon Carcinomas in Serum-Free Medium: An in Vitro System for Tumor Analysis and Therapy Experiments</i> . Methods for Serum Free Culture of Epithelial and Fibroblastic Cells, Vol 3, pp 73-81, Alan R Liss, New York.	
	C22	Peretz T, Antebi SU, Beller U, Horowitz AT, Fuks Z & Vlodavsky I (Jun 1990) <i>Maintenance on extracellular matrix and expression of heparinase activity by human ovarian carcinoma cells from biopsy specimens</i> . Int J Cancer 45(6)1054-1060. (abstract)	
	C23	Golombick T, Dansey R, Bezwoda WR & Rosendorff J (May 1990) <i>Establishment and characterization of two new human ovarian cancer cell lines UWOV1 and UWOV2 and a subline UWOV2 (Sf) growing in serum-free conditions: growth characteristics, biochemical, and cytogenetic studies</i> . In Vitro Cell Dev Biol 26(5)447-454. (abstract)	
	C24	Hirte HW, Kaiser JS & Bacchetti S (Aug. 1994) <i>Establishment and characterization of four human epithelial ovarian carcinoma cell lines</i> . Cancer 74(3)900-906. (abstract)	
	C25	Emoto M, Oshima K, Ishiguro M, Iwasaki H, Hawarabayashi T & Kikuchi M (1999) <i>Establishment and characterization of a serous papillary adenocarcinoma cell line of the human ovary in a serum-free culture</i> . Pathol Res Pract 195(4)237-42. (abstract)	
	C26	Ito H, Yamaguchi K, Kotake T & Matsuzaki O (Dec. 1989) <i>Development of a serum-free medium and primary culture of human renal cell carcinomas by serum-free culture</i> . Nippon Hinyokika Gakkai Zasshi 80(12)1741-8. (abstract)	
C27	Yanagihara K, Kamada N Tsumuraya M & Amano F (May 1993) <i>Establishment and characterization of a human gastric scirrhous carcinoma cell line in serum-free chemically defined medium</i> . In J Cancer 54(2)200-207. (abstract)		
C28	Messing EM, Fahey JL, deKernion JB, Bhuta SM & Bubbers JE (Jun 1982) <i>Serum-free medium for the in vitro growth of normal and malignant urinary bladder epithelial cells</i> . Cancer Res 42(6)2392-2397. (abstract)		

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		Ito H, Yamaguchi K, Kotake T & Matsuzaki O (Dec 1989) <i>Primary culture of human bladder carcinomas and establishment of human bladder carcinoma cell line by serum-free culture</i> . Nippon Hinyokika Gakkai Zasshi 80:1749-1754. (abstract)	
	C30	P. Brandtzaeg & FR Korsrud (Dec. 1984) <i>Significance of different J chain profiles in human tissues: generation of IgA and IgM with binding site for secretory component is related to the J chain expressing capacity of the total local immunocyte population, including IgG and IgD producing cells, and depends on the clinical state of the tissue</i> . Clin Exp Immunol 58(3)709-18. (abstract)	
	C31	O'Shaughnessy JA, et al., (Jan. 15, 2002) <i>Ductal Lavage and the Clinical Management of Women at High Risk for Breast Cancer</i> . Cancer 94(2)292-298.	
	C32	Wrensch MR et al. (1992) <i>Breast Cancer Incidence in Women With Abnormal Cytology in Nipple Aspirates of Breast Fluid</i> . Am J Epidemiol 135(2)130-141.	
	C33	Devlin TM (2002) <i>Biochemistry of Hormones I: Polypeptide Hormones</i> . Textbook of Biochemistry With Conical Correlations, Fifth Edition, John Wiley & Sons, Inc., New York, NY 936-939	

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